



Data Request Form

To obtain data from the European Vegetation Archive (EVA), please first make an enquiry to the EVA database administrator Ilona Knollová (ikuzel@sci.muni.cz) whether the data meeting your needs are available. If they are, please fill in the form below and submit it to Milan Chytrý (chytry@sci.muni.cz) or another member of the EVA Coordinating Board.

- Applicant's name:

Milan Chytrý

- Applicant's institutional address:

Department of Botany and Zoology, Masaryk University, Kotlářská 2, CZ-611 37 Brno, Czech Republic

- Applicant's e-mail:

chytry@sci.muni.cz

- Project title:

Fine-scale species-richness patterns in European forest vegetation

- Brief description of aims and methods of the study:

The aim of this project is to characterize and possibly explain local species-richness (alpha diversity) patterns of vascular plants in European forests, to reveal the main ecological and biogeographical factors determining species richness patterns, and identify areas and localities of extraordinary high species-richness (so called hotspots) in European forests. Data on species richness will be taken from georeferenced forest vegetation relevés and analysed using GIS and statistical methods (regression in the broadest sense with the number of species per unit area as a response variables). Special attention will be given to the effect of plot size.

- Will someone else be involved in data editing or analysis in addition to the applicant?

Data analysis, interpretation and paper writing will be done by Martin Večeřa (martinvec@seznam.cz), a PhD student at Masaryk University, Brno, working under supervision of Milan Chytrý. Further, some members of the EVA Database Management Team, EVA Taxonomic Advisory Board or EVA Coordinating Board may be involved in the analysis if needed. Confidentiality in data use will be guaranteed.

- Estimated time of delivery of results (e.g. manuscript submission):

September 2018 or earlier. (September 2018 is the date of the expected submission of the thesis, but individual paper(s) that would constitute the thesis will be submitted before this date.)

- Geographic area needed (e.g. countries or range of geographic coordinates):

All European countries.

- Vegetation types needed (syntaxa):



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All types of forest vegetation.

- Other data selection criteria:

Georeferenced relevés from plots of 100-1000 m².

- Envisaged publications:

1-3 papers in international journals. These papers (either published, submitted or manuscripts) will become parts of the PhD thesis of Martin Večeřa, which will be posted on internet.

- Specification of the co-authorship arrangements in publications based on the requested data (e.g. the extent of possible involvement of the original data providers, or of EVA data managers if extra work for this project is needed from them):

Martin Večeřa will be the lead author of the planned publications. Co-authorship will be offered to a representative of each database that is represented by at least 5% of relevés included in the final analysis (i.e. after stratified selection from the basic data sets) or fewer if they are from vegetation types or regions with general lack of data. Further, persons with significant contribution to data analysis or providers or analysts of other data (e.g. geographical data) may be involved as co-authors.

I agree with the terms of EVA Data Property and Governance Rules as approved on 26 May 2012 (<http://euroveg.org/download/eva-rules.pdf>).

Brno, 28 July 2014

Milan Chytrý